



MAR 01 2004

NEGS	PKRS	EPRG	PGK
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Secretary Mu GDF-8 propeptide Mu IgG2a Fc
leader

SEQ ID No:20

MMQKLQMYVYIYLFMLIAAGPVDLNEGSEEREENVEKEGLCNACAWRQNTSYSRIEAIKIQILSKLRLET
APNISKDAIRQLLPRAPLLRELIDQYDVQRDDSSDGSLEDDDYHATTETIITMPTESDFLMQADGKPKC
CFFKFSKIQYNKVVKAQLWIYLRPVKTPTTVFVQILRLIKPMKDGTTRYTGIRSLKLDMSPGTGIWQSI
DVKTVLQNLKQPESNLGIEIKALDENGHDLAFTFPGPGEDGLNPFLEVKTDTTPKRSEPRGPTIKPCP
PCKCPAPNLEGGPSVFIFFPKIKDVLMSLSPIVTCVVVDVSEDDPDVQISWFVNNVEVHTAQTTTHRE
DYNSTLRVVSALPIQHQDWMGKAFACAVNNKDLPAPIERTISKPKGSVRAPQVYVLPPEEEMTKKQV
TLTCMVTDMPEDIYVEWTNNGKTELNYKNTPEVLDSDGSYFMYSKLRVEKKNWVERNSYSYSCSVVHEGL
HNHHHTKSFSRTPGK

Fig. 7A

NEGS	PKRS	GSGS	EPRG	PGK
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Secretary Mu GDF-8 propeptide Mu IgG2a Fc
leader

SEQ ID No:21

MMQKLQMYVYIYLFMLIAAGPVDLNEGSEEREENVEKEGLCNACAWRQNTSYSRIEAIKIQILSKLRLET
APNISKDAIRQLLPRAPLLRELIDQYDVQRDDSSDGSLEDDDYHATTETIITMPTESDFLMQADGKPKC
CFFKFSKIQYNKVVKAQLWIYLRPVKTPTTVFVQILRLIKPMKDGTTRYTGIRSLKLDMSPGTGIWQSI
DVKTVLQNLKQPESNLGIEIKALDENGHDLAFTFPGPGEDGLNPFLEVKTDTTPKRSGSGSEPRGPTI
KPCPPCKCAPNLEGGPSVFIFFPKIKDVLMSLSPIVTCVVVDVSEDDPDVQISWFVNNVEVHTAQTTQ
THREDYNSTLRVVSALPIQHQDWMGKAFACAVNNKDLPAPIERTISKPKGSVRAPQVYVLPPEEEMT
KKQVTLTCMVTDMPEDIYVEWTNNGKTELNYKNTPEVLDSDGSYFMYSKLRVEKKNWVERNSYSYSCSVV
HEGLHNHHHTKSFSRTPGK

Fig. 7B



NENS	PKRS	EPKS	PGK
Secretary Hu GDF-8 propeptide leader			
Hu IgG1 Fc			

SEQ ID No:22

MOKLQLCVYIYLFMLIVAGPVDLNENSEQKENVKEGLCNACTWRQNTKSSRIEAIKIQLSKLRLETAPN
ISKDVI RQLLPKAPPLRELIDQYDVQRDDSSDGSLEDDDYHATTETIIITMPTESDFLMQVDGKPKCCFFKF
SSKIQ:NKVVKAQLWIYLRPVETPTTVFVQILRLIKPMKDGTRYTGIRSLKLDMPGTCGIWQSIDVKTVLQ
NWLKQPESNLGIKALDENGHDLAVTFFPGGEDGLNPFLEVKVTDTPKRSEPKSCDKTHTCPCPAPELL
GGPSVFLFPPKPKDTLMISRTPETCVVVDVSHEDPEVKFNWYVDGVEVHNATKPREEQYNSTYRVVSVL
TVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI
AVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSVMSHEALHNHYTQKSLSLSPGK

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Fig. 11A



Neil M. Wolfman, et al.
For: Modified and Stabilized GDF
Propeptides and Uses Therefor
Docket No. AM100384
Replacement Sheet

NENS	PKRS	DKT	PGK
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Secretory leader Hu GDF-8 propeptide Hu IgG1 Fc mutated

SEQ ID No:23

MQLQLCVYIYLFMLIVAGPVDLNNSEKQENVEKEGLCNACTWRQNTKSSRIEAIKIQILSKLRLETAPN
ISKDVIRQLLPKAPPLRELIDQYDVQRDDSSDGSLEDDDYHATTETIITPTESDFLMQVDGKPKCCFFKF
SSKIQYNKVVKAQLWIYLRPVETPTTVFVQILRLIKPMKDGTRYTGIRSLKLDMPGTGIWQSIDVKTVLQ
NWLKQPESNLGIEIKALDENGHDLA VTFPGGEDGLNPFLEVKVTDTPKRS DKTHTCPPCPAPEALGAPSV
FLFPPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNNAKTKPREEQYNSTYRVVSVLTVHLQ
DWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE
SNGQPENNYKTTTPPVLDSDGSGFFLYSKLTVDKSRWQQGNVFCSVMEALHNHYTQKSLSLSPGK

Fig. 11B

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